

AMENDMENTS TO THE SPECIFICATION:

Upon entry of this amendment, the following paragraph denoting the cross-reference to related applications will be added to the beginning of this pending application:

This application claims the benefits of priority from:

- i) Application Number 0322702.2, entitled "ISOKINETIC SAMPLING," filed in the United Kingdom on 29 September 2003; and
- ii) Application Number PCT/GB2004/003849, entitled "ISOKINETIC SAMPLING," filed under the PCT on September 9, 2004;

All of which are commonly assigned to assignee of the present invention and hereby incorporated by reference in their entirety.

Please replace the paragraph on page 28 beginning on line 18 and ending on line 29, with the following amended paragraph:

In a further embodiment, in applications where the probe pressure loss (i.e. from the probe opening to the probe pressure tap) is relatively small, the isokinetic sampling condition can be substantially achieved by nulling the Δp described above by adjusting the sampled flow rate of the sampled portion through the use of flow control valve 32. In this embodiment, the Δp signal can be used as a control signal to control actuator 34, thus avoiding the use of flow meters ~~30a and 30b~~ 40. Note that this embodiment can be adapted to either the single hole probe shown in Figure 5 or the multiple hole pitot tube probe shown in Figure 6.